

10
ABSTRACT

Seat mount for amphibious vehicle

(figs. 1, 7)

5 Seat 2 is mounted to slide blocks 24 and rails 22, which in turn are mounted to
upstanding brackets 20. The fore-and-aft adjustment of the seats is thus raised above the
level of floor 16, avoiding fouling by sand and dirt; corrosion; and shorting where electric
seat adjustment is used. Seat 2 comprises frame 4, backrest 14, and tip-up seat 8 which can
10 be raised around pivots 6, 6' to allow a higher seating position for marine use. In marine
mode, the helmsman sits on cushion 10; in road mode, the driver sits on cushion 12. Latches
are provided for fore-and-aft and tip-up cushion adjustment. Flaps 26 may protect sliding
surfaces from contamination. Rails 22 may face upwards (34, fig. 3), downwards (44, fig. 4),
or sideways, as convenient; the seat may be supported on a cradle (40, fig. 4). Slide blocks
10 may be replaced by rollers (32, figs. 2, 6).